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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Attorney Docket No.	107418
First Inventor	Antoine Negiz et al.
Title	CATALYTIC CONVERSION OF POLYCYCLIC AROMATICS INTO XYLENES
Express Mail Label No.	ER 229158558 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450			
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 22 ] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets]  Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	Alexandria VA 22313-1450  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Reader Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:FQ(M.P.T.O-2038			
18. If a CONTINUING APPLICATION, check appropriate box, and sup specification following the title, or in an Application Data Sheet under 3				
Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Prior application information:  Examiner  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPONI	DENCE ADDRESS			
Customer Number: 23490	OR Correspondence address below			
Name				
Address				
City	State Zip Code			
Country	elephone Fax			
Name (Print/Type)   Thomas K. McBride, Jr.	Registration No. (Attorney/Agent) 51,015			
Signature Yung	Date 3-23-04			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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FEE	TR	AN	SMI	TT	AL
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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) 860

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Co	omplete if Known
Application Number	
Filing Date	
First Named Inventor	Antoine Negiz et al.
Examiner Name	
Art Unit	
Attorney Docket No.	107418

Total Claims	METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Deposit Account	Check Credit card Money Other None		3. ADDITIONAL FEES				
Poposit Account Number   Poposit Nu		<u>Large</u>	Entity	Small	Entity	!	
Number   Deposit	Deposit					Fee Description	Fee Paid
Account   Name	Number	1051	130	2051	65	Surcharge - late filing fee or oath	
The Director is authorized to: (check all that apphy)	Account	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Charge fee(s) indicated below		1053	130	1053		•	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  1. BASIC FILING FEE ALCULATION 1. BASIC FILING FEE Arge Fee Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1006 170 2005 80 Provisional filing fee 1007 170 2004 385 Reissue dilar fee Fee from Extra Claims 1008 Fee Paid 1009 Fee Paid 1009 Fee Paid 1009 170 2004 385 Reissue dilar fee Independent Claims 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<u> </u>
Tell		1804	920*	1804	920*		
1. BASIC FILING FEE		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE   1252   420   2252   210   Extension for reply within second month   1252   420   2253   475   Extension for reply within second month   1254   1.480   2254   740   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   2255   1.005   Extension for reply within fourth month   1255   2.010   1255   1.005   Extension for reply within fourth month   1255   2.010   1255   1.005   Extension for reply within fourth month   1255   1.005   Extension for reply within fourth month   1255   2.010   1255   1.005   Extension for reply within fourth month   1255   1.005   Extension for reply		1251	110	2251	55	Extension for reply within first month	
Large Entity   Small Entity   Smal		1252	420	2252	210	Extension for reply within second month	
Code (\$)	Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
1001   770   2001   385   Utility filing fee   770   1001   370   2001   385   Utility filing fee   770   1002   340   2002   170   Design filing fee   1401   330   2401   165   Notice of Appeal   1403   290   2403   145   Request for oral hearing   1403   290   2403   145   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510		1254	1,480	2254	740	Extension for reply within fourth month	
1002 340   2002 170   Design filing fee   170   1401 330   2401 165   Notice of Appeal   1402 330   2402 165   Filing a brief in support of an appeal   1403 290   2403 145   Request for oral hearing   1451 1.510	1001 770 2001 385 Litility filing fee	1255	2,010	2255	1,005		
1003 530	1//0	1401	330	2401	165	Notice of Appeal	
1004 770   2004 385   Reissue filing fee   1403 290   2403 145   Request for oral hearing   1451 1,510   14	1003 530 2003 265 Plant filing fee	1402	330	2402			
SUBTOTAL (1) (\$) 770  1452 110 2452 55 Petition to revive - unavoidable  1453 1,330 2453 665 Petition to revive - unintentional  1501 1,330 2501 665 Utility issue fee (or reissue)  1502 480 2502 240 Design issue fee  1503 640 2503 320 Plant issue fee  1503 640 130 Petitions to the Commissioner  1807 50 1807 50 Processing fee under 37 CFR 1.17(q)  1806 180 180 Submission of Information Disclosure Stmt  1808 180 180 180 Submission of Information Disclosure Stmt  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claims in excess of 3  1204 86 2204 43 "Reissue independent claims over original patent over original patent  SUBTOTAL (2) (\$) 90  1452 110 2452 55 Petition to revive - unavoidable  1453 1,330 665 Petition to revive - unintentional  1665 Utility issue fee (or reissue)  1606 110 1300 665 Utility issue fee  1607 1,330 2501 300 Petitions to the Commissioner  1807 50 1807 50 Processing fee under 37 CFR 1.17(q)  1808 180 180 180 180 Submission of Information Disclosure Stmt Property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1809 770 2801 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application  1803 900 1804 900 Request for expedited examination of a design application	1004 770 2004 385 Reissue filing fee	1403	290	2403			
SUBTOTAL (1)   (\$) 770   1452   110   2452   55 Petition to revive - unavoidable	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Independent Claims Independent Claims Multiple Dependent  Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Co	SUBTOTAL (1) (\$) 770		110	2452			
Extra Claims		1453	1,330	2453	665	Petition to revive - unintentional	
Total Claims Independent    3	Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Independent  Claims  Multiple Dependent  Large Entity   Small Entity   Small Entity Fee Fee Fee Fee Fee Fee Code (\$)   Code (\$)    1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims in excess of 3 1204 86 2204 43 *** Reissue independent claims over original patent over original patent  SUBTOTAL (2) (\$) 90   X \$86 = 0 1460 130 Petitions to the Commissioner 1460 130 Petitions to the Commission of Information Disclosure Stmt 1801 8021 40 Recording each patent assignment per property (times number of properties) 1802 8021 40 Recording each patent assignment per property (times number of properties) 1803 8021 40 Recording each patent assignment per property (times number of properties) 1803 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 385 For each additional invention to be examined (37 CFR 1.129(b)) 1800 970 2810 385 Request for Continued Examination of a design application 1801 970 2801 385 Request for Continued Examination of a design application 1801 970 2801 385 Request for Continued Examination of a design application 1802 900 Request for		1502	480	2502	240	Design issue fee	
Multiple Dependent  Large Entity   Small Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1203   290   2203   145   Multiple dependent claims in excess of 3    1204   86   2204   43   **Reissue independent claims over original patent    1205   18   2205   9   **Reissue claims in excess of 20    1206   18   2205   9   **Reissue claims in excess of 20    1207   1806   180   1806   180   Submission of Information Disclosure Stmt    8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))    1810   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))    1801   770   2801   385   Request for Continued Examination (RCE)    1802   900   1802   900   Request for expedited examination of a design application    1804   705   2810   385   Request for expedited examination of a design application    1805   1807   50   Processing fee under 37 CFR 1.17(q)    1806   180   Submission of Information Disclosure Stmt    8021   40   8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))    1800   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))    1801   770   2801   385   Request for Continued Examination of a design application    1801   770   2801   385   Request for expedited examination of a design application    1801   770   2801   385   Request for expedited examination of a design application    1802   900	Independent Independent	1503	640	2503	320	Plant issue fee	
Large Entity   Small Entity   Small Entity   Fee Fee Fee Fee Code (\$)   Fee Description   1806   180   1806   180   Submission of Information Disclosure Stmt   8021   40   8021   40   Recording each patent assignment per property (times number of properties)   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1800   1801   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))   1801   770   2801   385   Request for Continued Examination (RCE)   1801   770   2801   385   Request for expedited examination of a design application   1802   900   1802   900   Request for expedited examination of a design application   1807   50   1807   50   Processing fee under 37 CFR 1.17(q)   1806   180   Submission of Information Disclosure Stmt   8021   40   8021   40   8021   40   Recording each patent assignment per property (times number of properties)   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1810   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))   1801   770   2801   385   Request for Continued Examination of a design application   1802   900   1802   900   1802   900   Request for expedited examination of a design application   1808	Claims	1460	130	1460	130	Petitions to the Commissioner	
Fee Fee Code (\$)  1202 18  1202 9 Claims in excess of 20  1203 290  1204 86  1204 86  1205 9 Recording each patent assignment per property (times number of properties)  1809 770  1809 770  2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770  2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1809 770  2810 385 Request for Continued Examination (RCE)  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1809 770  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 For each additional invention to be examined (37 CFR 1.129(b))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CFR 1.129(a))  1800 1800 385 Filing a submission after final rejection (37 CF		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Code (\$)  Code (		1806	180	1806	_		
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 90  1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify) 1814 Statutory disclaimer (\$110)	Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per	
1203 290 1204 86 1205 9 ** Reissue claims in excess of 20 and over original patent  2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2)  (\$) 90  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1802 900 Request for Continued Examination of a design application  Other fee (specify) 1814 Statutory disclaimer (\$110)		1809	770	2809		Filing a submission after final rejection	
1204 86 2204 43 "Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application 1802 900 Substituting 1802 900 Request for expedited examination of a design application 1802 900 Other fee (specify) 1814 Statutory disclaimer (\$110)		1010	770	2040	205	· ' ''	
over original patent  1801 770 2801 385 Request for Continued Examination (RCE)  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 90  Other fee (specify) 1814 Statutory disclaimer (\$110)		1010	′′0	2010	383	examined (37 CFR 1.129(b))	
and over original patent  of a design application  Other fee (specify) 1814 Statutory disclaimer (\$110)		1801	770	2801	385	Request for Continued Examination (RCE)	
SUBTUTAL (2) (\$) SU		1802	900	1802	900		
11 +Dadward by Dadward by Date Pilling Extra Date	SUBTOTAL (2) (\$) 90						
	**or number previously paid, if greater, For Reissues, see above	*Redu	ced by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 0	

SUBMITTED BY (Complete (if applicable)) Registration No. Thomas K. McBride, Jr. Name (Print/Type) 51.015 Telephone 847-391-2689 Henry Signature Date 3-23-04

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Ar		Antoine Negiz et al.			
Title	CATALYTIC C AROMATICS	CONVERSION OF POLYCYCLIC INTO XYLENES			
Attorney Docket Number		er 107418			

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date

Signature

(847) 391-2689

Telephone number

Typed or printed name

Reg. No. 51,015

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.